

Amendments to the Specification:

Please replace paragraph 0021 - 23 of the substitute specification with the following paragraphs:

-- [0021] b) a group of units  $Z_n^*$  with n as a composite integer;

[0022] b) c) a group of points on an elliptic curve over a finite body; and

[0023] e) d) a Jacobi variant of a hyperelliptic curve over a finite body.--

Please replace paragraph 0044 of the substitute specification with the following paragraph:

-- [0044] g, p, T<sub>A</sub> ID<sub>A</sub>, g<sup>x</sup> g<sup>x</sup> mod p, H(g<sup>x</sup> mod p, pw, ID<sub>A</sub>, T<sub>A</sub>, ...), --